

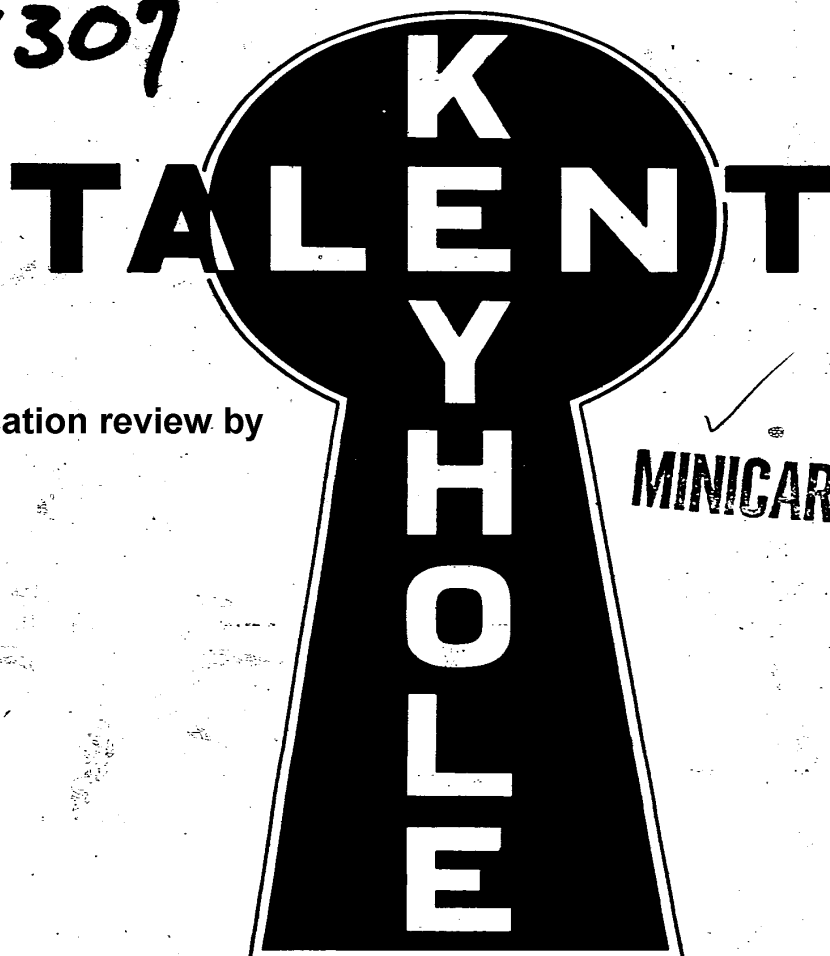
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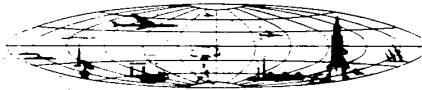
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER
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5 Pages

23 October 1961
NPIC/IM-36/61

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MEMORANDUM FOR: Assistant Director for Scientific Intelligence
(CIA/OSI)

THROUGH: TALENT Control Officer, CIA/OSI

ATTENTION: Mr. [REDACTED] OSI/JAEIC

SUBJECT: Search for Indications of Nuclear Testing in Areas
of Seismic Events (11-20 April and 20 July -
17 August 1961) in the USSR and China

REFERENCES: (a) Requirement OSI/R-134/61
(b) NPIC Project JN-268/61

1. The purpose of this memorandum is to present the results of a search of available photography covering the areas of 16 unidentified seismic events in the periods 11-20 April and 20 July - 17 August 1961 submitted with OSI Requirement R-134/61. The search was for any signs of preparations for, or effects of, any clandestine nuclear testing in the USSR and China. No indications of nuclear testing were identified.

2. Where photography was available, an area having a radius of approximately 25 nautical miles (nm) from the coordinates of the epicenter of each event was searched. In many cases only part of the area was covered, and in some cases the area was partially or completely covered by clouds and/or haze. Photography dated more than 2 years prior to the dates of the events was not included in the search.

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3. It should be kept in mind that the characteristics of some of the photography (small scale, poor image quality, obliquity, partial coverage, weather conditions, etc.) considerably hindered the photographic search:

4. The following is the status of photographic coverage of the epicenters:

a. Epicenters with partial or complete photographic coverage	13
b. Epicenters without photographic coverage	<u>3</u>
Total	16

NOTE: One seismic event, dated 3 August 1961, and located in Bhutan, was deleted from this report. Another, located in Mongolia, is included.

5. Attached is the list of seismic events, in the order of occurrence, giving the location, photographic coverage available, and the results of the photographic interpretation search.

FOR THE DIRECTOR, NPIC

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Executive Director

Enclosure:

Photographic Coverage of Areas of Unidentified Seismic Events.

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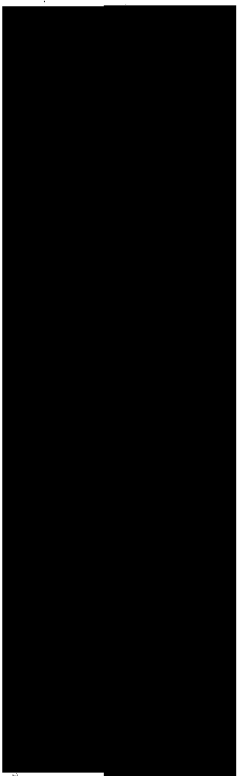
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Enclosure

PHOTOGRAPHIC COVERAGE OF AREAS OF UNIDENTIFIED SEISMIC EVENTS
(11-20 April and 20 July-17 August 61)

Date of Seismic Event	Location Coordinates, WAC	Mission, Photo Date	Camera or Pass/Frames	Classification	Weather*	Remarks
11 Apr 61	Kuril Trench 43-42N 146-12E WAC 292			TSC	SC	Complete oblique coverage. Nothing pertinent identified.
				TSR	CI	Partial coverage. Nothing pertinent identified.
12 Apr 61	Tien Shan 41-24N 81-18E WAC 329			TSR	CI	Complete coverage. Nothing pertinent identified.
13 Apr 61	Tien Shan 41-18N 80-54E WAC 329			TSR	CI	Complete coverage. Nothing pertinent identified.
15 Apr 61	Mongolia 44-48N 100-00E WAC 286			TSR	CI	Complete coverage. Nothing pertinent identified.
				TSR	CI	Complete coverage. Nothing pertinent identified.
16 Apr 61	China, 32-42N 103-36E WAC 384					No photo coverage.
19 Apr 61	Caspian Sea Area 39-00N 45-12E WAC 340			TSR	SC	Complete coverage. Epicenter falls inside Iran approx. 10 nm from Russian border. Nothing pertinent identified.
20 Apr 61	Kamchatka 55-24N 158-30E WAC 194			TSR	HC	Partial coverage. Area obscured by heavy clouds.
20 Jul 61	China 35-00N 90-00E WAC 434			TSC	SC	Partial coverage. Nothing pertinent identified.
28 Jul 61	China (2 events) 28-00N 100-00E WACs 436, 555			TSR	SC	Complete coverage. Much of area obscured by clouds. Nothing pertinent identified.

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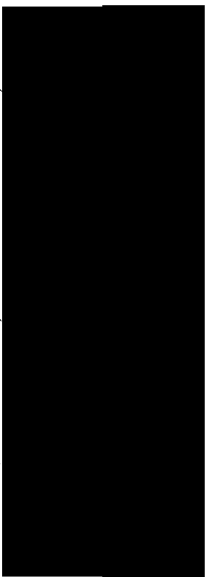
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Enclosure

PHOTOGRAPHIC COVERAGE OF AREAS OF UNIDENTIFIED SEISMIC EVENTS - (Continued)

Date of Seismic Event	Location Coordinates, WAC	Mission, Photo Date	Camera or Pass/Frames	Classification	Weather*	Remarks
2 Aug 61	Kamchatka 53-00N 157-00E WAC 194			TSR	HC	Complete coverage. Area obscured by clouds.
6 Aug 61	USSR 53-00N 139-00E WAC 196			TSR	CI	Complete coverage. Dredge-type mining along stream approximately 6 nm west of epicenter location.
				TSR	HC	Complete coverage. Area obscured by clouds.
10 Aug 61	USSR 54-00N 132-00E WAC 197			TSR	CI	Complete coverage. Nothing pertinent identified.
				TSR	HC	Complete coverage. Most of area obscured by clouds. Nothing pertinent identified.
12 Aug 61	Kuril Islands 46-00N 150-00E WAC 280					No photo coverage.
12 Aug 61	Hindu Kush 40-00N 78-00E WAC 329, 335			TSR	CI	Complete coverage. Nothing pertinent identified.
				TSR	SC-II	Partial coverage. Haze and clouds obscure most of area. Nothing pertinent identified.
17 Aug 61	Kuril Islands 46-00N 150-00E WAC 280					No photo coverage.

* CI-Clear, HC-Heavy Clouds, SC-Scattered Clouds, H-Haze.

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